

FIG. 1 PRIOR ART

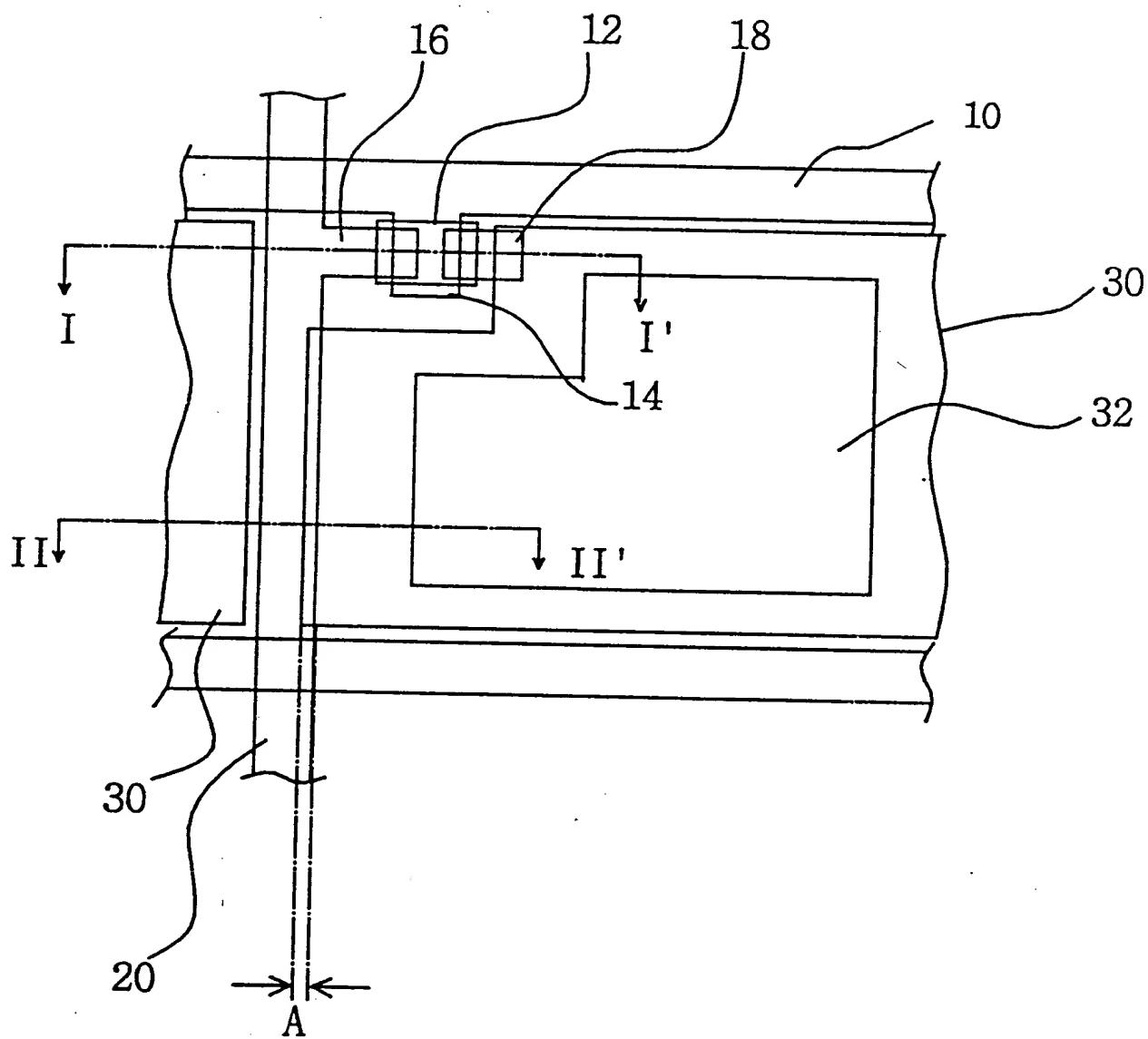


FIG. 2 PRIOR ART

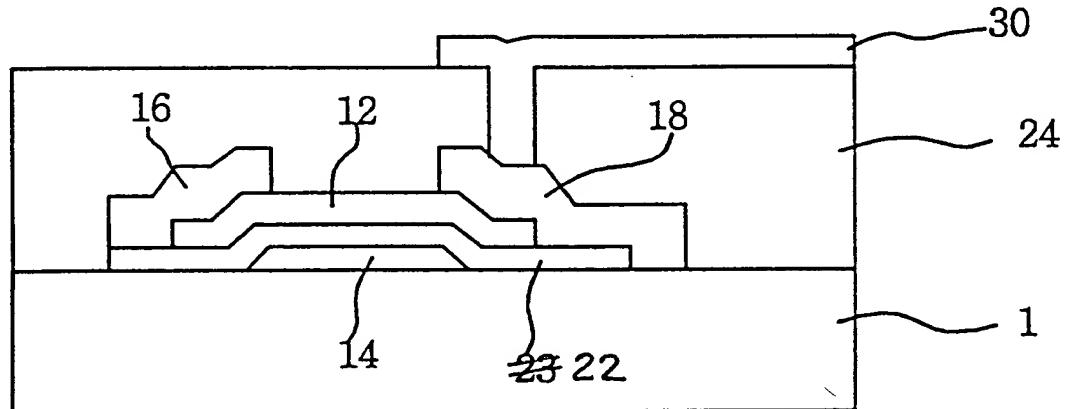
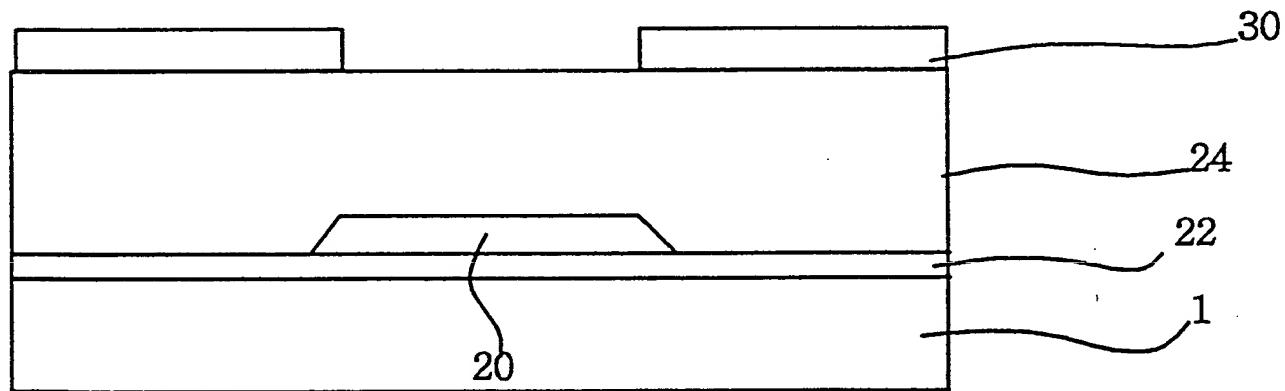


FIG. 3 PRIOR ART



09510300 DEEDED  
FIG. 4A PRIOR ART

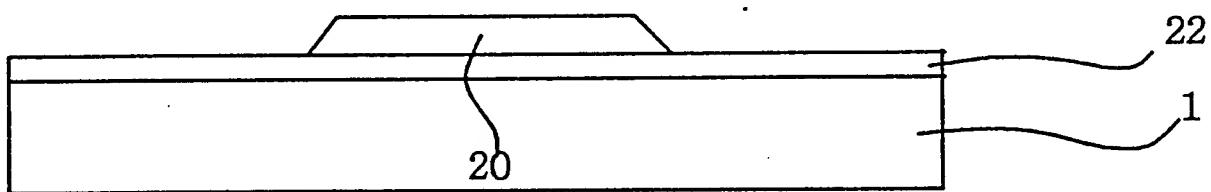


FIG. 4B PRIOR ART

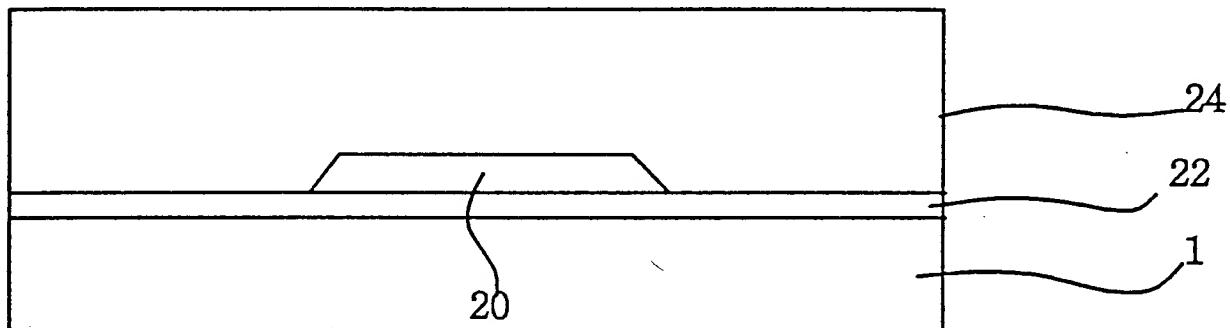


FIG. 4C PRIOR ART

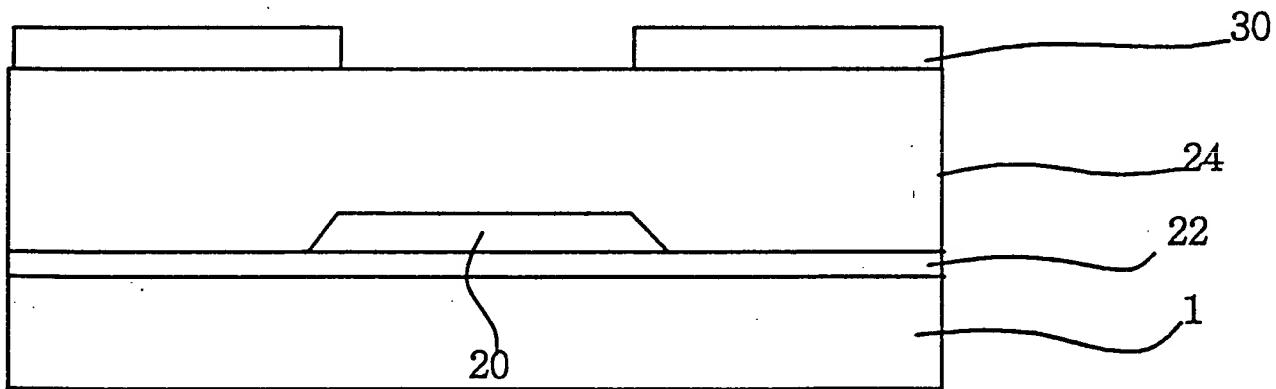


FIG. 5A PRIOR ART

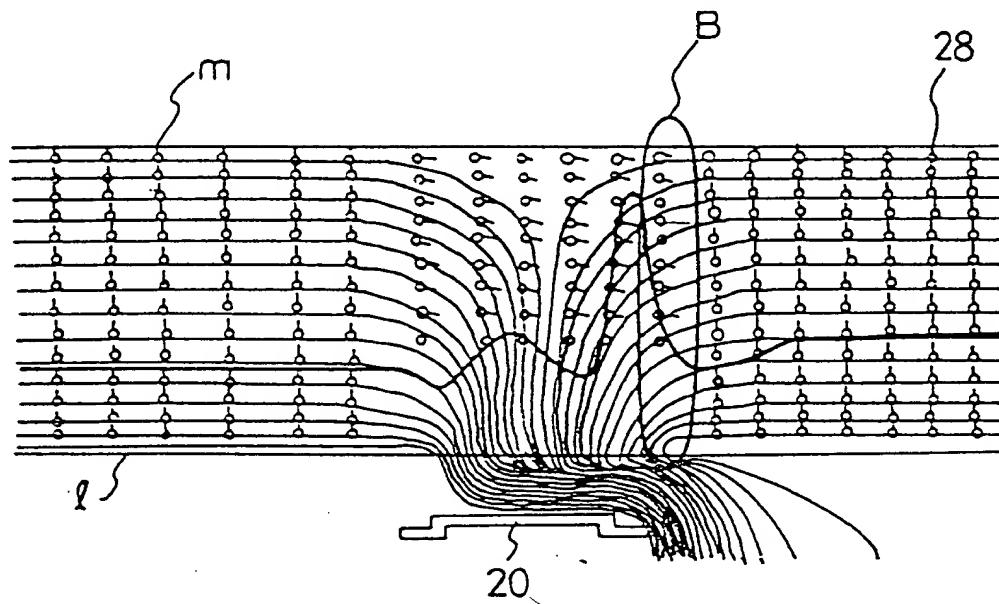
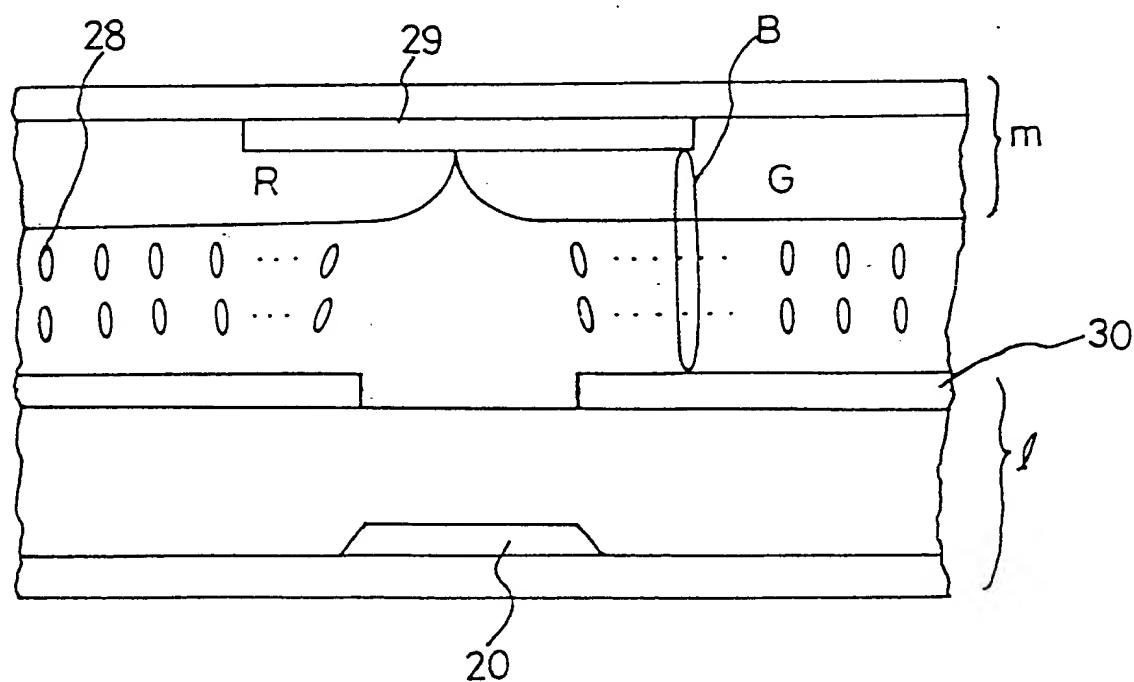


FIG. 5B PRIOR ART



09510300-002200

FIG. 6

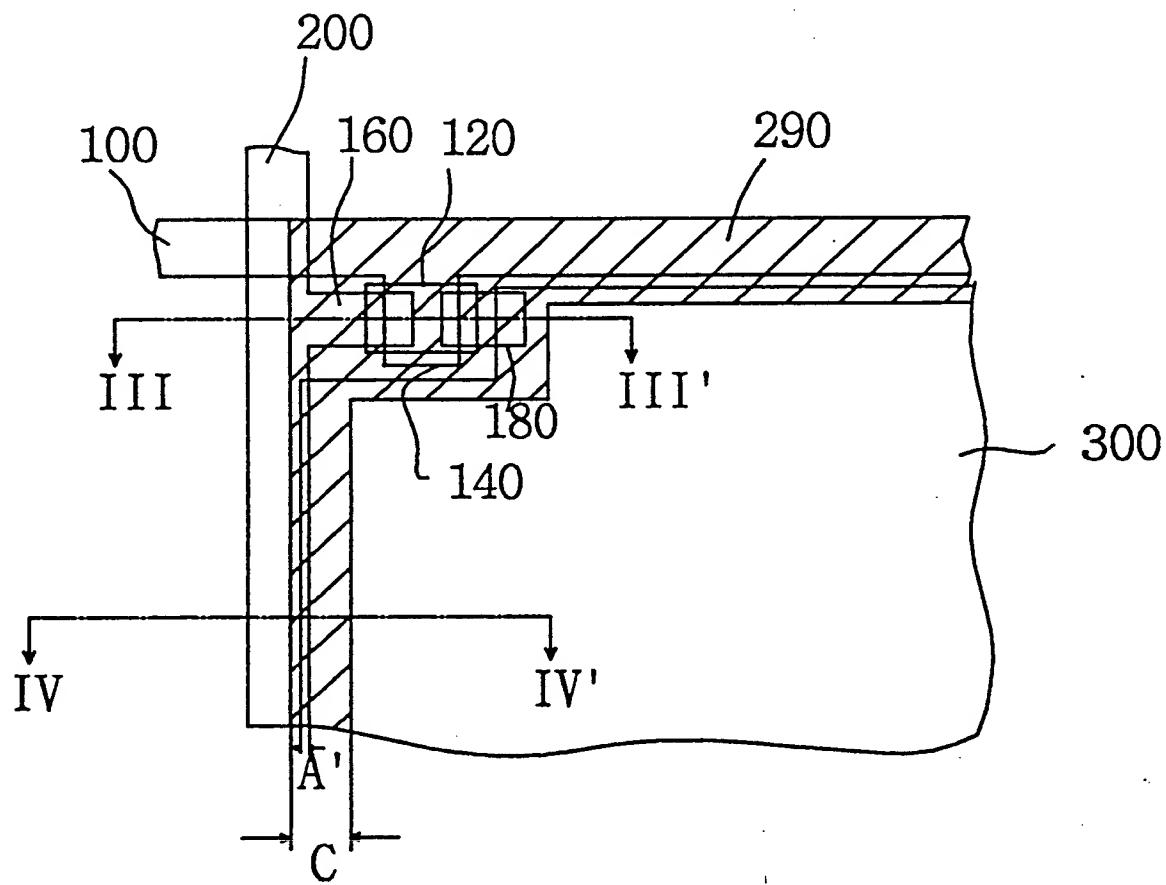


FIG. 7

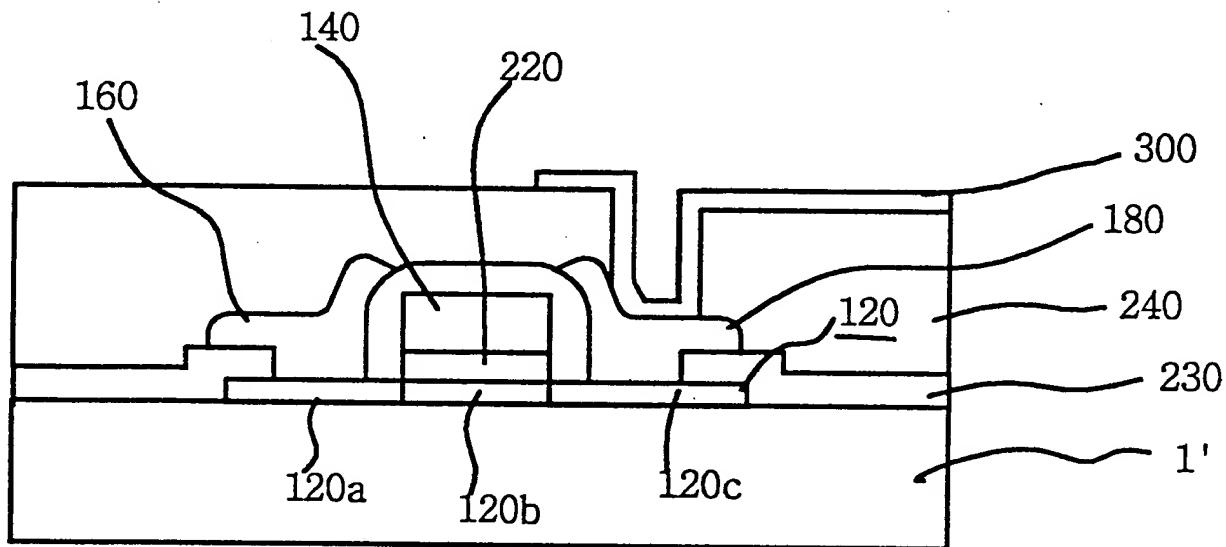


FIG. 8

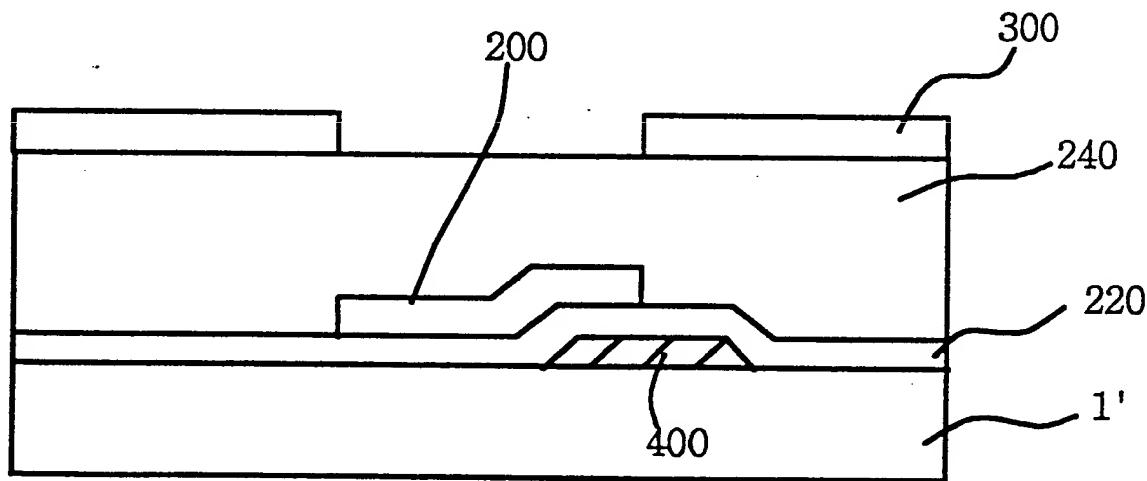


FIG. 9

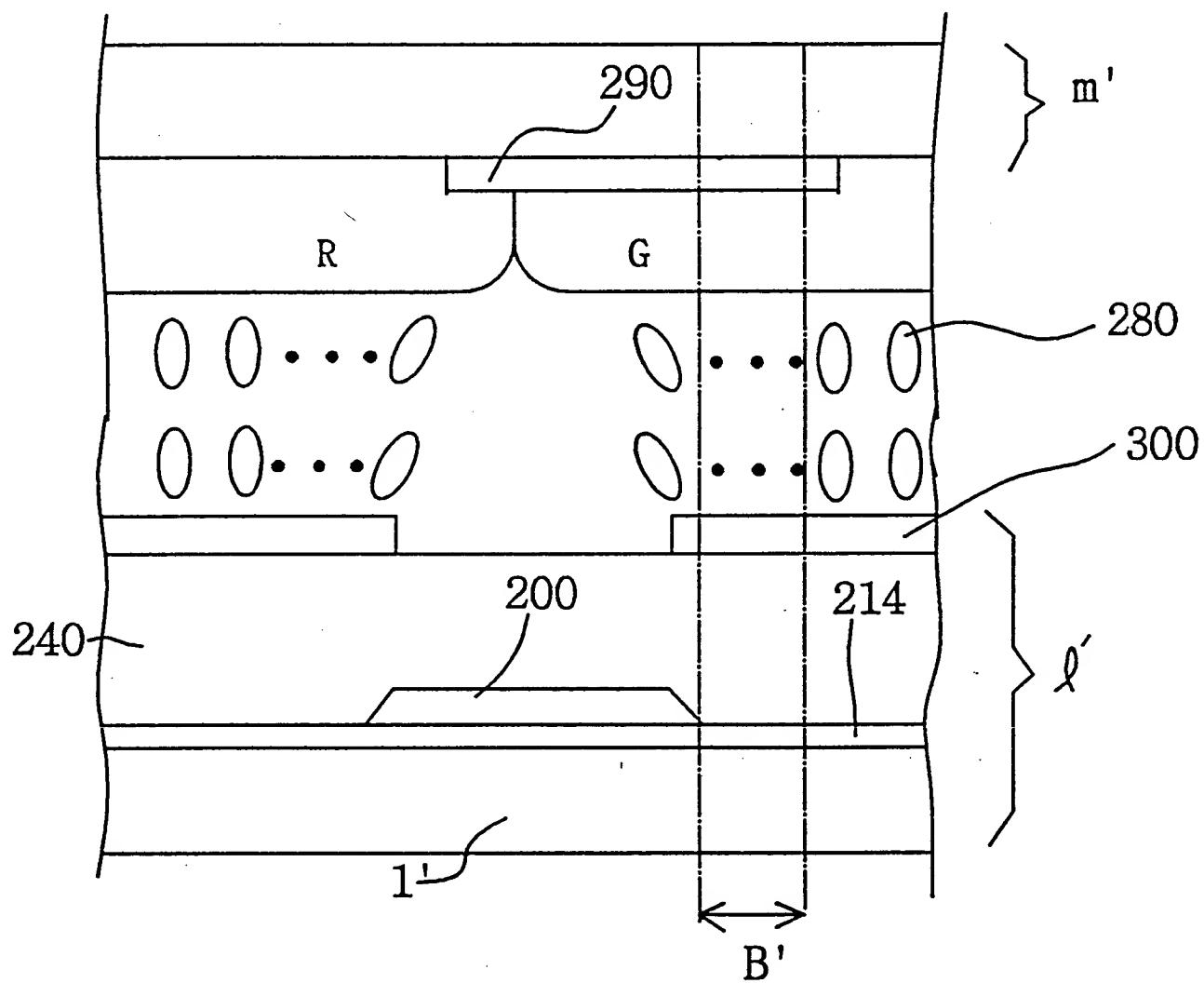


FIG. 10

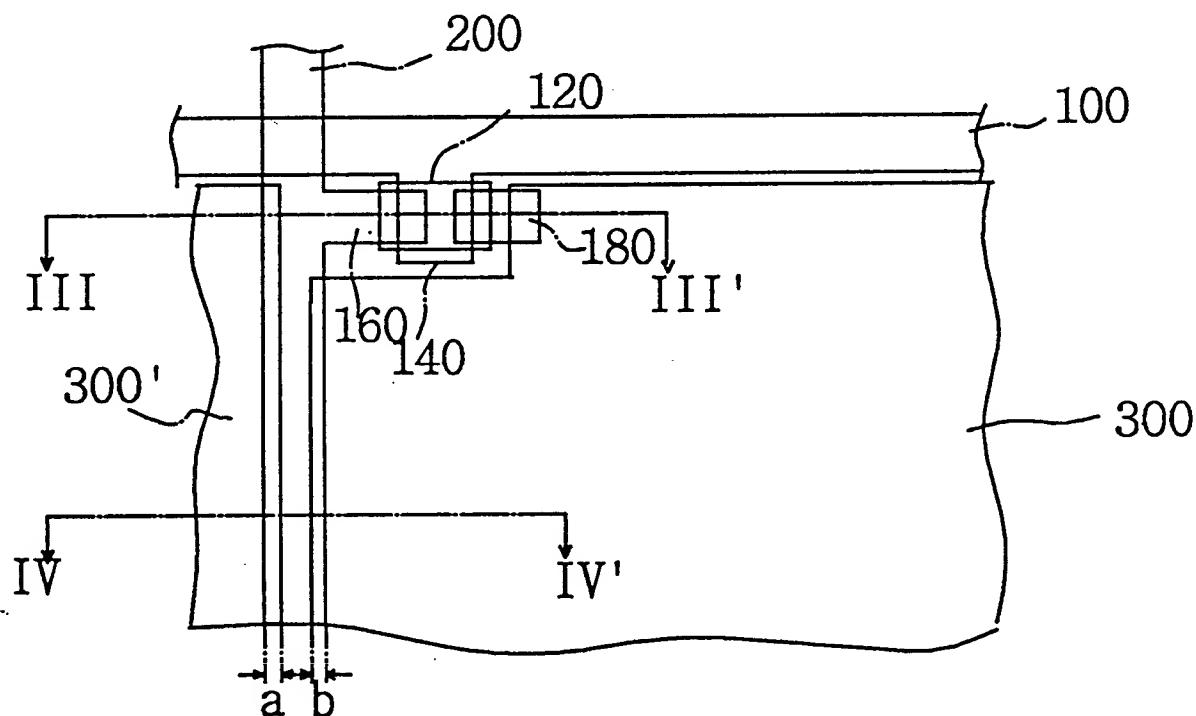


FIG. 11

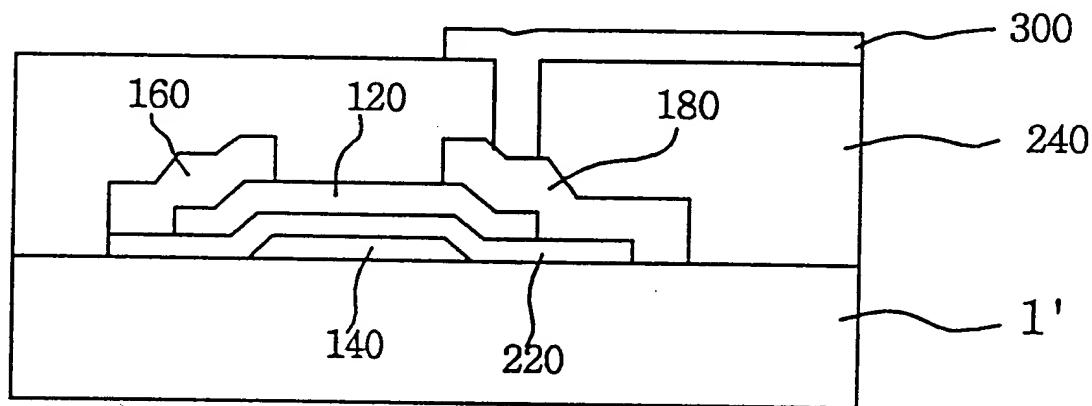
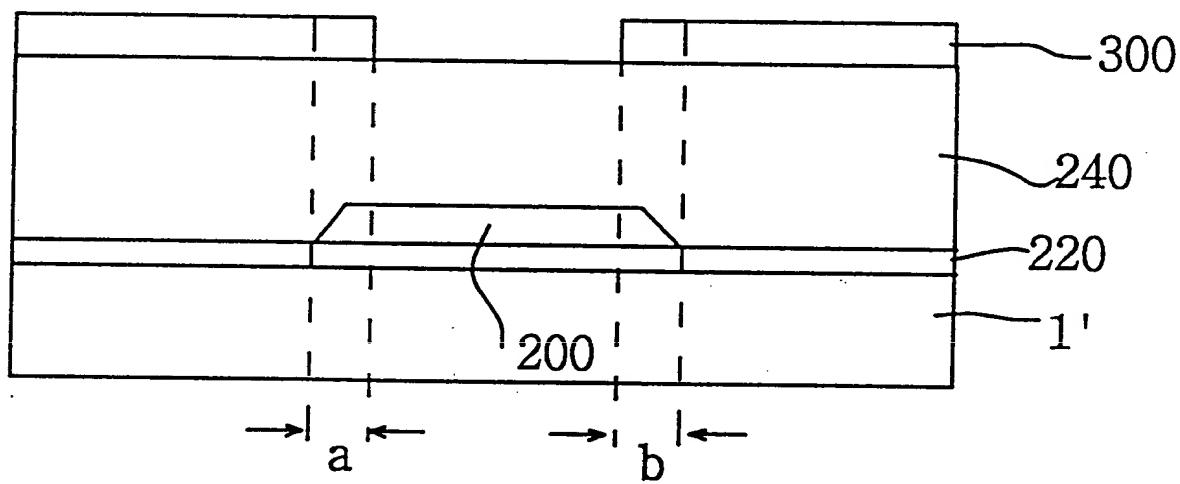


FIG. 12



00540300 022200

FIG. 13A

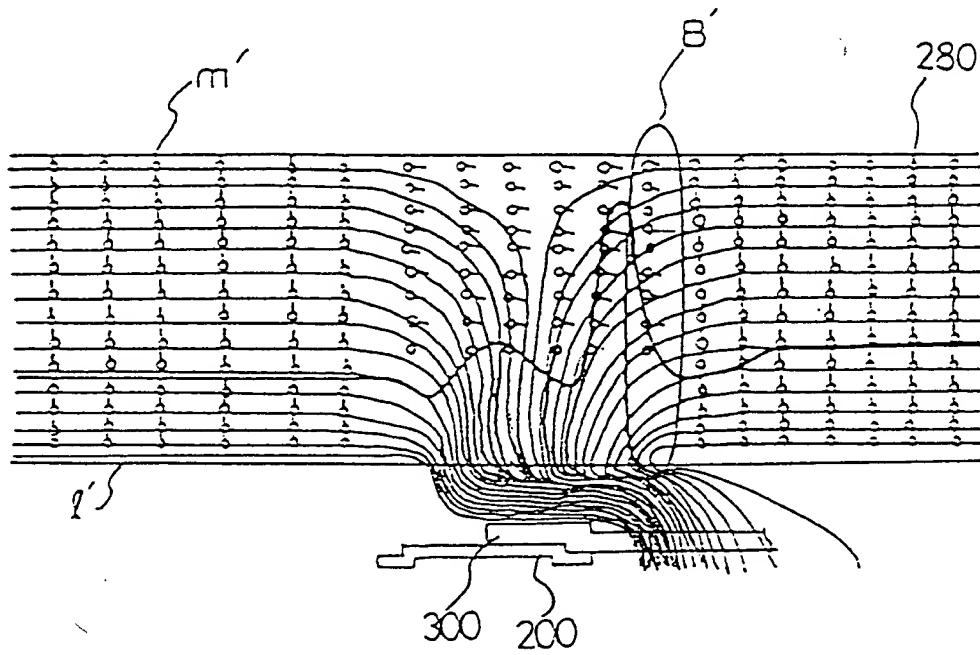
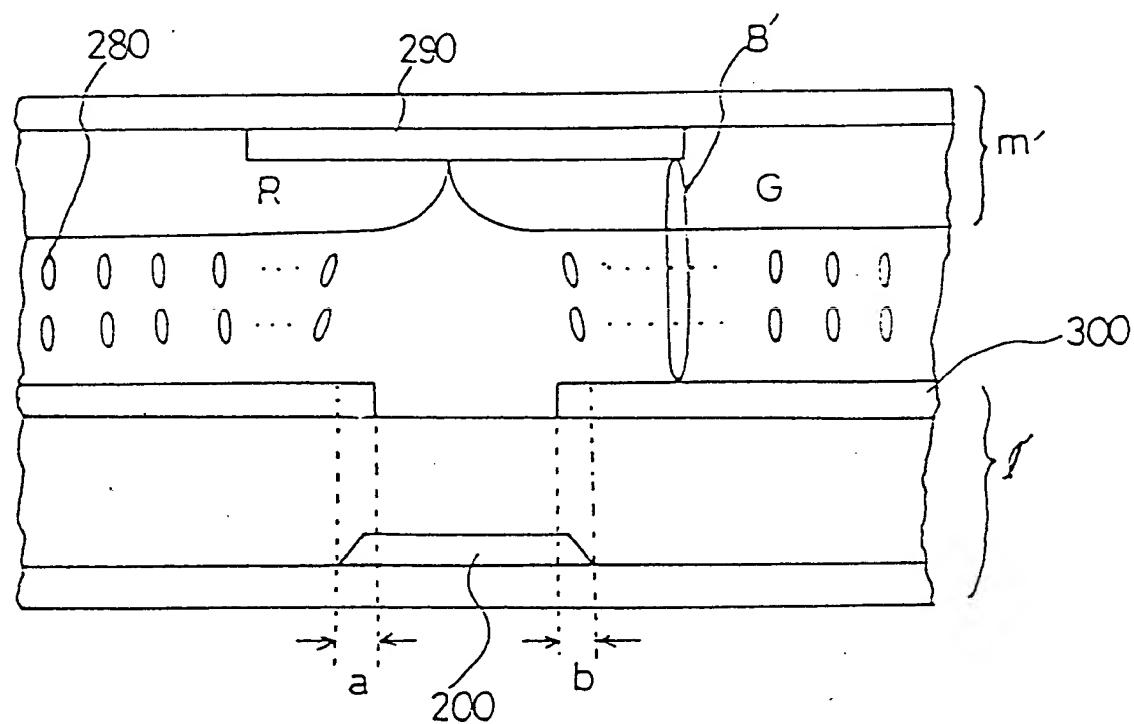


FIG. 13B



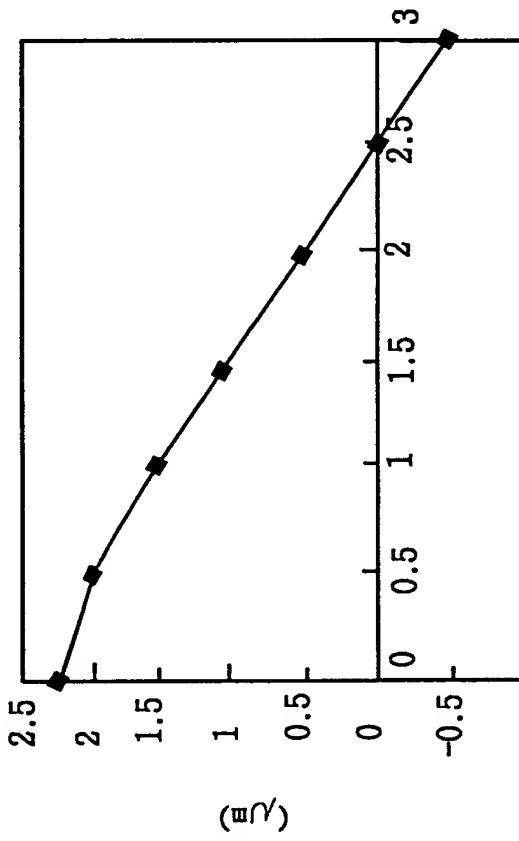
09510300-022200

FIG. 14

Overlapped Width

	0	0.5	1	1.5	2	2.5	3
Width of data line	8	8	8	8	8	8	10
End point of data line	20	20	20	20	20	20.5	21
Transmission of light 0.352	22.25	22	21.5	21	20.5	20.5	20.5
Maximum value of the opening ratio	2.25	2	1.5	1	0.5	0	-0.5

Maximum value of the opening ratio



Overlapped width between the data line  
and the pixel electrode (μm)

FIG. 15

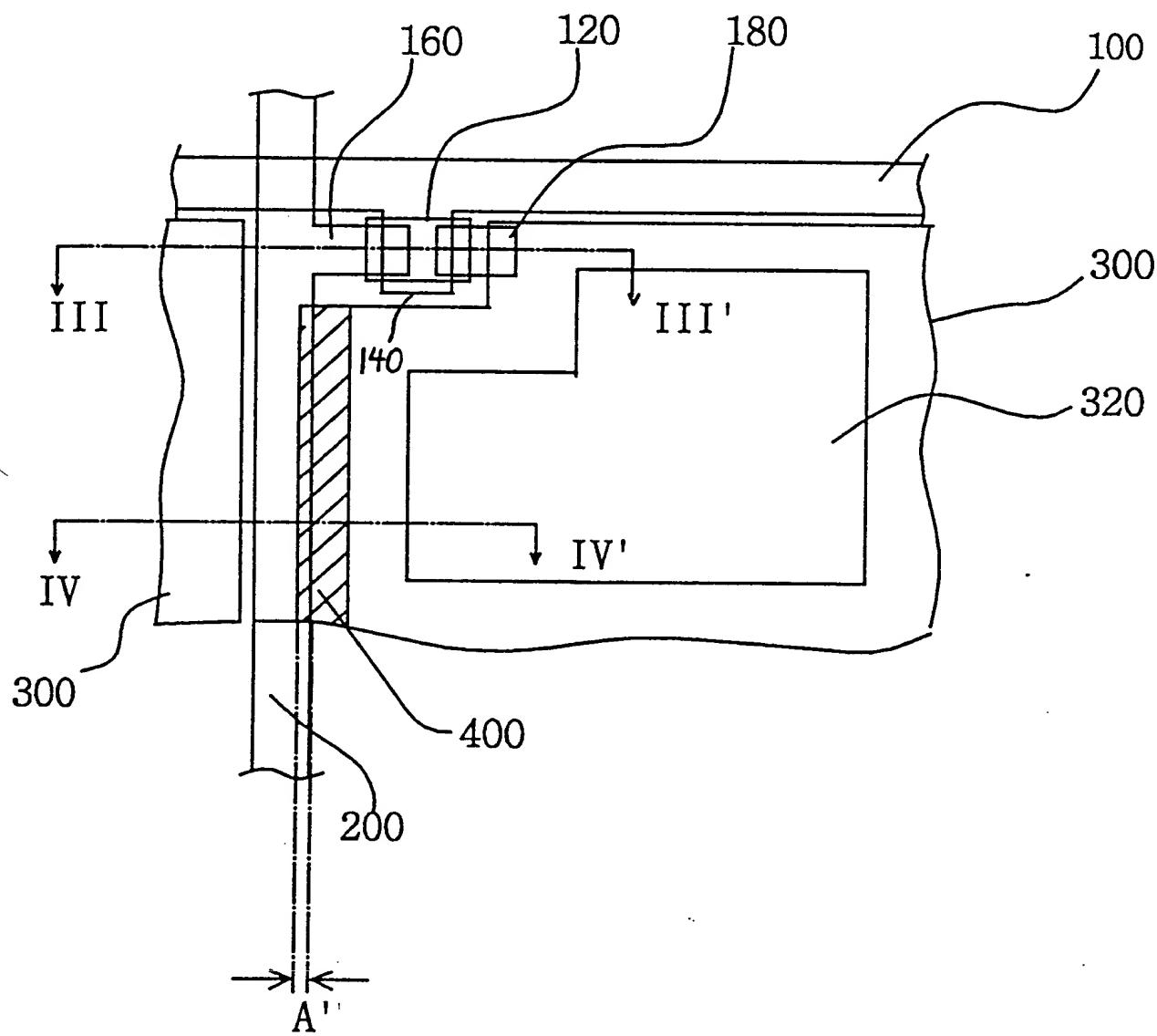


FIG. 16

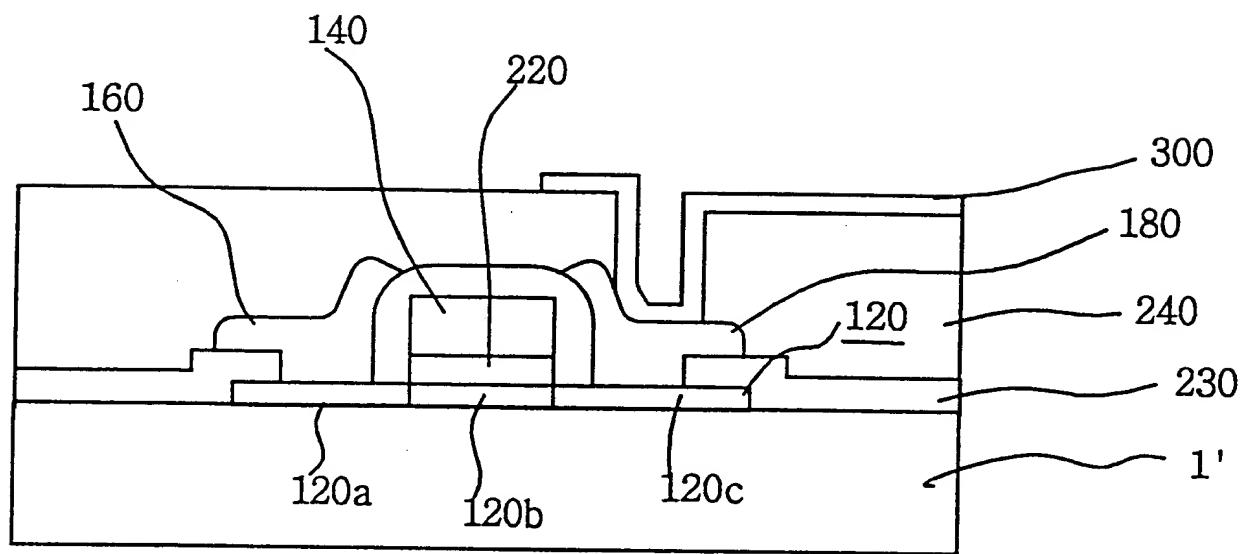


FIG. 17

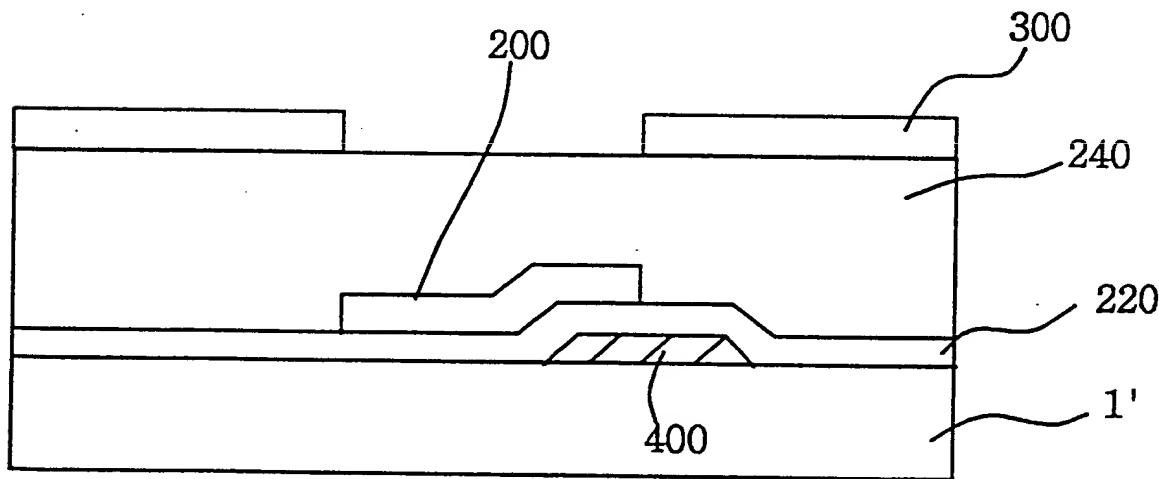


FIG. 18A

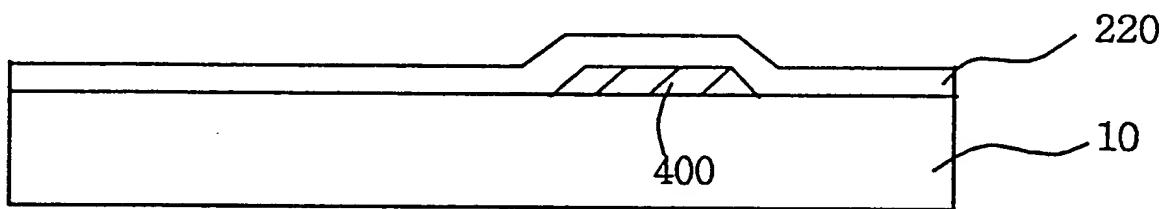


FIG. 18B

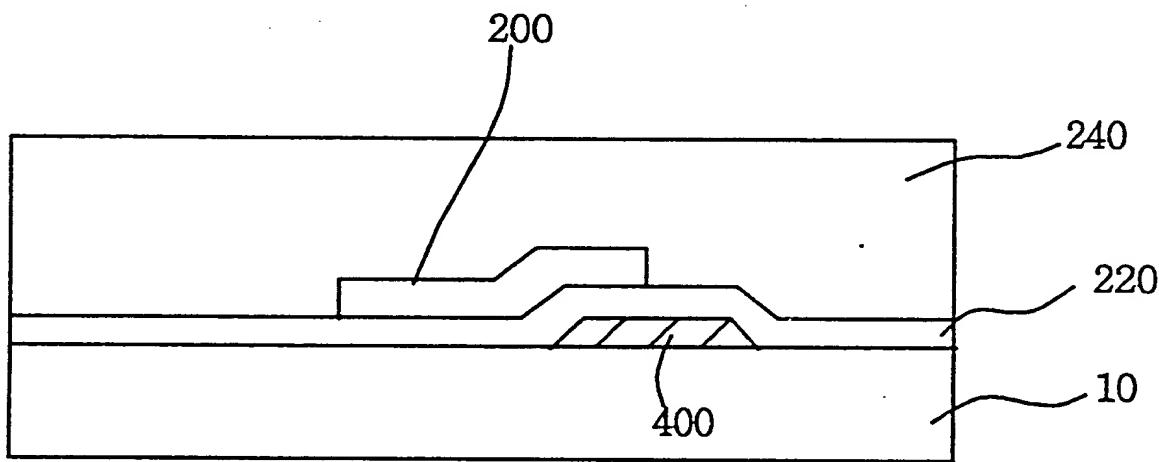


FIG. 18C

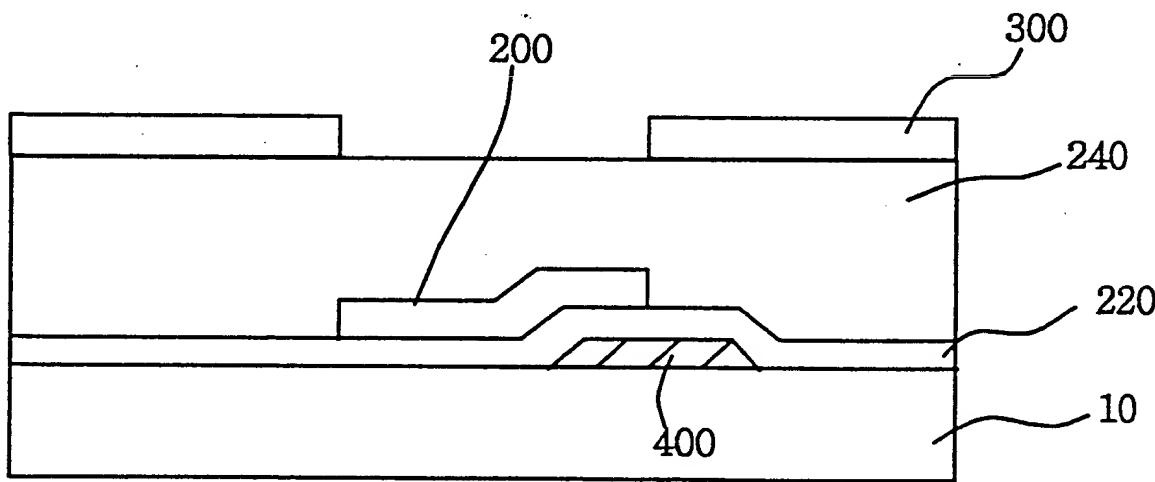


FIG. 19A

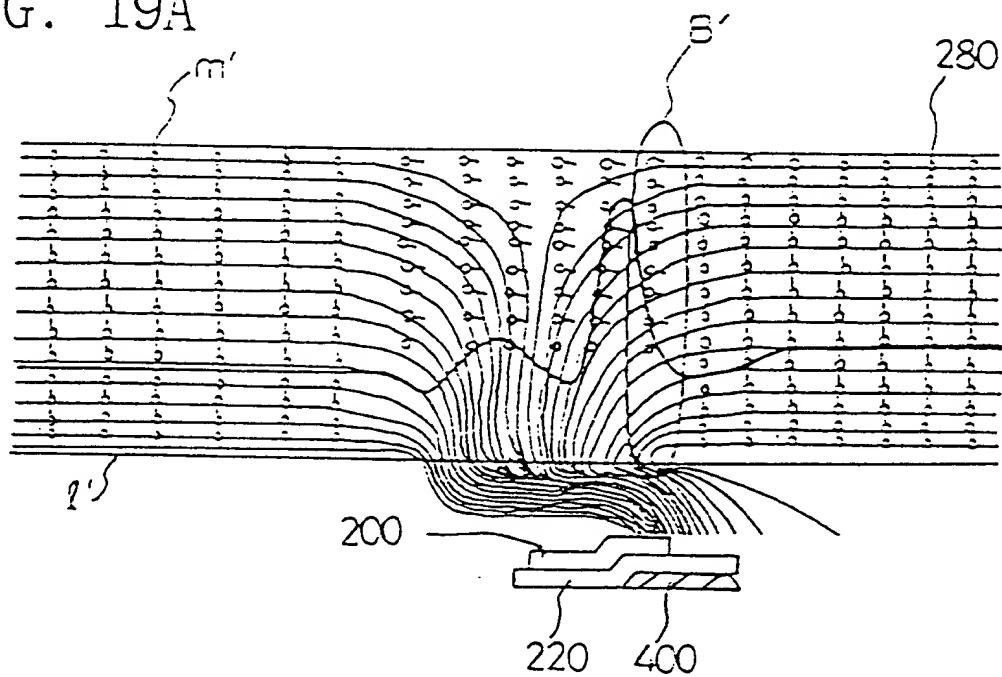


FIG. 19B

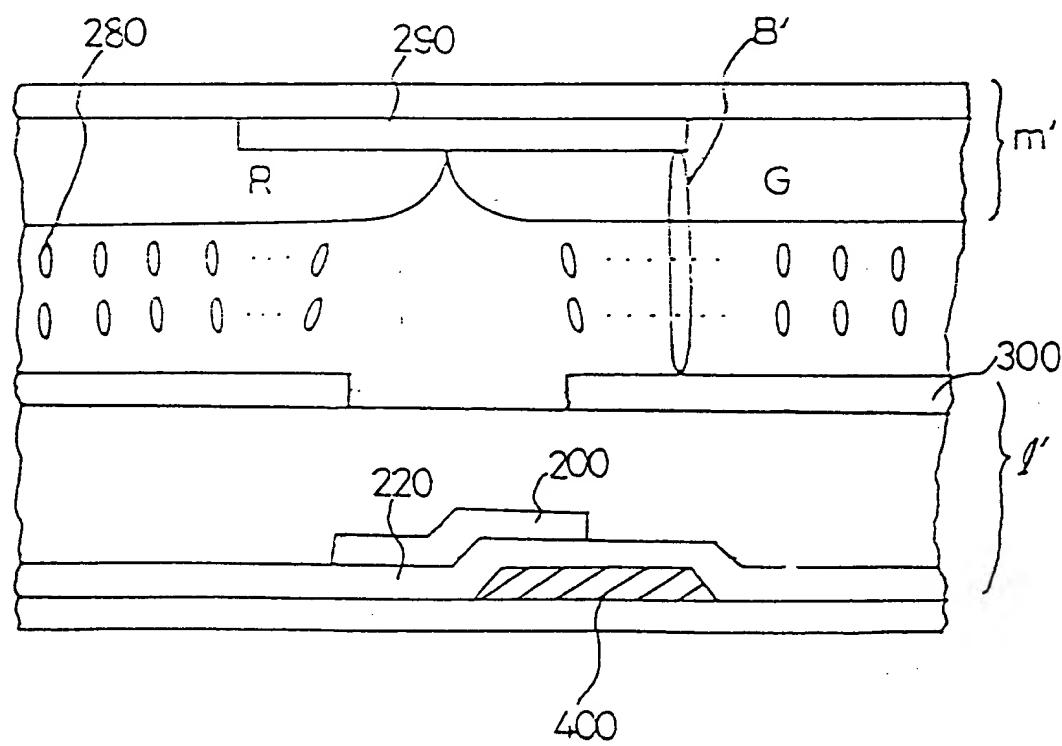
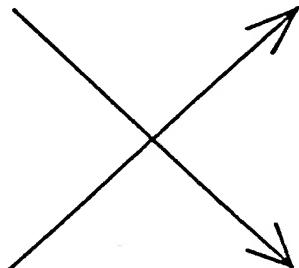


FIG. 20A

## Rubbing direction of alignment film on the color filter plate

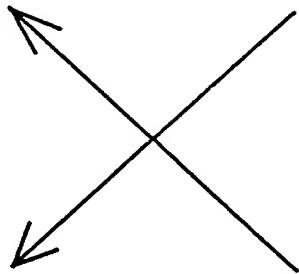


280

## Rubbing direction of alignment film on the TFT array plate

FIG. 20B

## Rubbing direction of alignment film on the color filter plate



280

## Rubbing direction of alignment film on the TFT array plate